

INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP2004/015208

A. CLASSIFICATION OF SUBJECT MATTER

Int.Cl⁷ H01F1/24, H01F1/26, B22F1/00, B22F1/02, B22F3/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Int.Cl⁷ H01F1/24, H01F1/26, B22F1/00, B22F1/02, B22F3/00

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

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Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X Y	JP 8-37107 A (TDK Corp.), 06 February, 1996 (06.02.96), Par. Nos. [0056], [0058] to [0061] & US 5651841 A1 & CN 1122527 A	1, 4, 5 2, 3
X	JP 6-181113 A (Toshiba Corp.), 28 June, 1994 (28.06.94), Claim 1; Par. Nos. [0014], [0015] (Family: none)	1
Y	JP 2001-68323 A (Daido Steel Co., Ltd.), 16 March, 2001 (16.03.01), Par. Nos. [0015], [0022] (Family: none)	2

☒ Further documents are listed in the continuation of Box C.☐ See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

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"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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"&" document member of the same patent family

Date of the actual completion of the international search
12 November, 2004 (12.11.04)Date of mailing of the international search report
30 November, 2004 (30.11.04)Name and mailing address of the ISA/
Japanese Patent Office

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	JP 7-201549 A (Nippon Steel Corp.), 04 August, 1995 (04.08.95), Par. No. [0016] (Family: none)	2
Y	JP 2002-246219 A (Japan Powder Metallurgy Co., Ltd.), 30 August, 2002 (30.08.02), Claim 1; Par. No. [0025] & DE 10207133 A	3
A	JP 2001-307914 A (Daido Steel Co., Ltd.), 02 November, 2001 (02.11.01), Par. Nos. [0005], [0019], [0022] (Family: none)	1-5
A	JP 2000-17336 A (Sumitomo Special Metals Co., Ltd.), 18 January, 2000 (18.01.00), Par. Nos. [0043] to [0046], [0059] & WO 99/63120 A1 & EP 1026267 A1 & US 6444049 B1 & CN 1099468 B	1-5

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